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AADHAR Enabled Public Distribution System



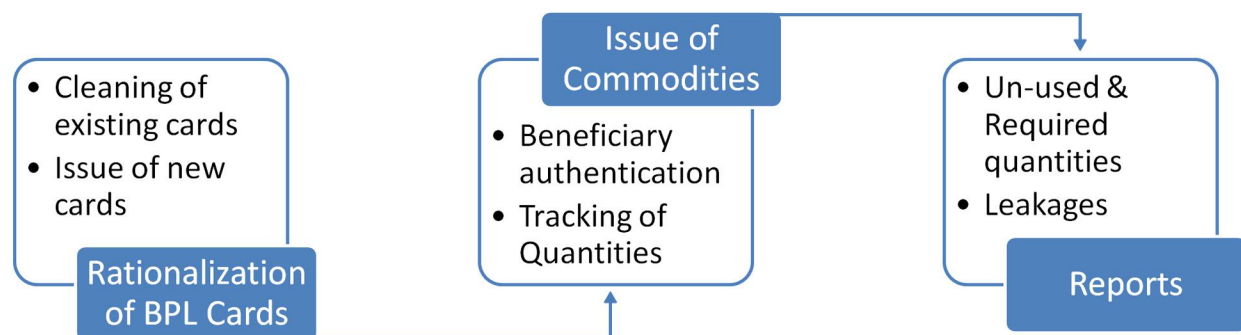
SmartPDS

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AADHAR Enabled Public Distribution System

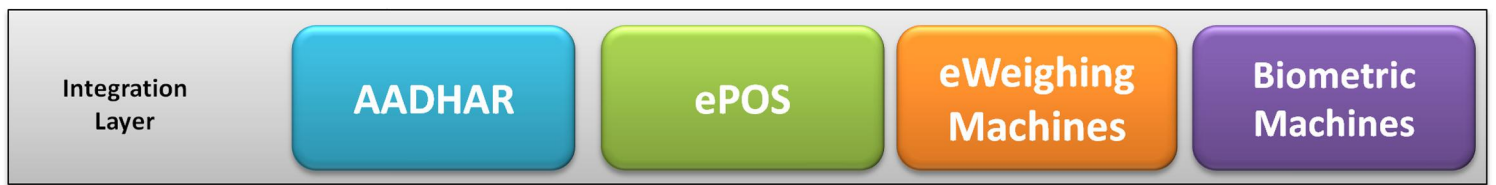
SmartPDS is a new-age intelligent product which monitors all the transactions of. SmartPDS is enabled with AADHAR and fully integrated with ePOS Handheld Devices, Electronic Weighing Machines and Biometric Devices

SmartPDS ensures that only the eligible family members of BPL Family Card holders draw the PDS commodities. Each MLS Point / FPS / NR will have a Handheld Device (ePOS device) with connectivity to the e-POS server of the Department. This enables the beneficiaries of the FPSs/NRs to draw their commodities after duly authenticating their identity with UIDAI fingerprints.



Industry Challenges:

- ▶ Refusal/reluctance in the opening of FPS/NR when the beneficiary wishes to draw the commodities.
- ▶ Un-authorized diversion of commodities that are not drawn by the beneficiaries.
- ▶ Declaration of non-availability of stock even when the FPS has sufficient stocks.
- ▶ Non furnishing of actual closing balances by FPS.
- ▶ No workflow base for mutations / deletions / new application / new entitlement.
- ▶ At present, the accounts in respect of the subsidized food grains, sugar and kerosene distributed or sold to card holders at the FPS (the point of sale) are maintained manually and there is no fool proof arrangement to ensure that the eligible quantity of commodities are issued to the card holders at the prescribed rates and to the right beneficiaries.
- ▶ There are a more number of beneficiaries than the population in any given state of India.
- ▶ Inconsistency in citizen data collection and verification process by the departments.
- ▶ Manual process leads to time wastage, data duplication and is also error prone.
- ▶ There is no uniform solution to identify the fraud (duplicate, in-eligible, etc.) records.
- ▶ Duplicity, Errors of Exclusion and Errors of Inclusion in all welfare schemes and services delivered by government.



Integration with Electronic Weighing Machine (e-Weighing Machine)

SmartPDS is integrated with Electronic Weighing Machines (e-Weighing Machines) for accuracy of quantity delivered to the BPL Card Holders.

Integration with Biometric Devices

SmartPDS is fully integrated with Biometric Devices. At the time of issue of commodities one of the family members of the BPL Family Card has to authenticate the transaction so as to avoid mis-usage of the commodities.

Prata SmartPDS Objectives:

- ▶ To purify the existing Civil Supplies departmental databases by removing the duplicates / ineligible / non-existent people.
- ▶ To remove the leakages in the existing processes and systems.
- ▶ To speed up the beneficiary verification and selection process.
- ▶ To provide the biometric based authentication services as part of service delivery and citizen verification.
- ▶ To provide online citizen profile which includes his proxy indicator details as part of beneficiary verification.
- ▶ To provide online beneficiary demographic verification and biometric authentication.
- ▶ To reduce the cost and time as part of beneficiary selection and service delivery.
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- ▶ To ensure that only a genuine cardholder or his/her family member whose name is listed in the BPL Family Card can draw the commodities with the help of Aadhar technology platform, thus aiming to eliminate withdrawal of commodities by others.



Services :

Technology Services

- Software Development
- Application Maintenance
- Mobile Development
- Web Designing
- Opensource

Outsourcing Services

- Application Outsourcing
- Business Process Outsourcing
- HR Services
- Testing Services

Infrastructure Services

- Offshore Development Center (ODC)
- System Integration
- Network Management
- Cloud
- Security and Surveillance
- Traffic & Intelligent Transportation

Professional Services

- Staffing & Consulting
- Data Management & Analytics
- Payroll Management
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- Managed Services

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